

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-011728**Date Inspected:** 17-Jan-2010**Project Name:** SAS Superstructure**OSM Arrival Time:** 700**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1900**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai China**CWI Name:****CWI Present:****Yes No****Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:****Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Daniel Barrentine was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhen Hua Port Machinery Company (ZPMC) at Chang Xing Island in Shanghai, China. QA Inspector observed and/or found the following:

On this date, this Quality Assurance Inspector (QA) did perform Ultrasonic Testing to welds listed below in the trial assembly area. Test performed on 100% of areas previously tested by ABF Quality Control personnel. Any additional indications found are listed in the UT Report form for this date.

1. CA-201A-004-013, 014, 015 (CB4 DP-SP West)
2. SEG024A005, SEG026A-007 (5BE-5CE BP-SP CB side) (ABF Request No.01172010-1)
3. OBE6-003, 004 (6AE-6BE DP) (ABF Request No. 01162010-1)

ABF Request No 01152010-1

1. OBE5A-007 (5BE-5CE SP CB SIDE)
2. OBE5A-010, 009 (5BE-5CE SP BK SIDE)
3. OBW5A-008 (5BW-5CW BP)
4. SEG021A-007, SEG023A-021 (5AW-5BW BP-SP CB SIDE)

Summary of Conversations:

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No relevant conversations.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang 15000422372, who represents the Office of Structural Materials for your project.

Inspected By:	Barrentine,Daniel
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Quality Assurance Inspector

Reviewed By:	Carreon,Albert
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QA Reviewer
